

## 2. Sub-model 2 (y variables)

$$\begin{aligned}
 & \text{a vector of observed endogenous indicators} \\
 & \text{a matrix of structural coefficients} \\
 & \text{the vector of endogenous concepts}
 \end{aligned}
 \quad
 \begin{aligned}
 \mathbf{y} &= \underline{\Lambda_y \boldsymbol{\eta}} + \underline{\epsilon} \\
 \begin{bmatrix} y_1 \\ \vdots \\ y_p \end{bmatrix} &= \begin{bmatrix} \dots & \dots & \dots \\ - & - & - \\ - & - & - \\ - & - & - \\ - & - & - \end{bmatrix} \begin{bmatrix} \boldsymbol{\eta}_1 \\ \vdots \\ \boldsymbol{\eta}_m \end{bmatrix} + \begin{bmatrix} \epsilon_1 \\ \vdots \\ \epsilon_p \end{bmatrix}
 \end{aligned}$$

a vector of "errors" in the measurement model. The covariances among these errors constitute  $\Phi_\epsilon$

$\Phi_\epsilon = \begin{bmatrix} \dots & \dots & \dots \\ - & - & - \\ - & - & - \\ - & - & - \\ - & - & - \\ - & - & - \end{bmatrix}$   
 $(pxp)$